



IFWO

RAW SEQUENCE LISTING

DATE: 07/22/2004

PATENT APPLICATION: US/10/654,898A

TIME: 09:36:14

Input Set : N:\LMOORE\pto.lm 10654898.txt

Output Set: N:\CRF4\07222004\J654898A.raw

2 <110> APPLICANT: Natalia Viktorovna STOYNOVA

3 Elena Viktorovna SYCHEVA

4 Aleksandra Yurievna SKOROKHODOVA

5 Yuri Ivanovich KOZLOV

7 <120> TITLE OF INVENTION: Method for producing L-amino acid using bacterium, belonging to the genus

8 Escherichia, lacking active mlc gene

W--> 10 <130> FILE REFERENCE:

C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/654,898A

C--> 12 <141> CURRENT FILING DATE: 2003-09-05

12 <150> PRIOR APPLICATION NUMBER: RU 2002123822

13 <151> PRIOR FILING DATE: 2002-09-06

15 <160> NUMBER OF SEQ ID NOS: 7

17 <170> SOFTWARE: PatentIn version 3.1

19 <210> SEQ ID NO: 1

20 <211> LENGTH: 64

21 <212> TYPE: DNA

22 <213> ORGANISM: Artificial

24 <220> FEATURE:

25 <223> OTHER INFORMATION: Description of Artificial Sequence: primer

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34 <211> LENGTH: 63

35 <212> TYPE: DNA

36 <213> ORGANISM: Artificial

38 <220> FEATURE:

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48 <211> LENGTH: 935

49 <212> TYPE: DNA

50 <213> ORGANISM: Escherichia coli

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57 cgaaaatgag acgttgatcg gcacgtaaga gggtccaact ttcaccataa tgaaataaga 180

59 tcactaccgg gcgtattttt tgagttatcg agattttcag gagctaagga agctaaaatg 240

61 gagaaaaaaa tcactggata taccaccggt gatataatccc aatggcatcg taaagaacat 300

63 tttgaggcat ttcagtcagt tgctcaatgt acctataacc agaccgttca gctggatatt 360

65 acggcctttt taaagaccgt aaagaaaaat aagcacaagt tttatccggc ctttattcac 420



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69 ctggtgatat gggatagtgt tcacccttgt tacaccgttt tccatgagca aactgaaacg 540
71 ttttcatcgc tctggagtga ataccacgac gatttccggc agtttctaca catatattcg 600
73 caagatgtgg cgtgttacgg tgaaaacctg gcctatttcc ctaaagggtt tattgagaat 660
75 atgttttttcg tctcagccaa tccctgggtg agtttcacca gttttgattt aaacgtggcc 720
77 aatatggaca acttcttcgc ccccgttttc accatgggca aatattatac gcaaggcgac 780
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150 aagtcattct ttaacgccag ttcctgcgac tcttccacca ccagtgtgct gctcagatcg 1080
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156 tcttgcacca ggtgtgcttc gagcatctca cggacaattt tagtgatact ggcaggagcc 1260
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162 accaccgcat actccctata ttttcgcgct ccgaaataat ctgtaggcta tggatgaagca 1440
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177 ccaaattgag atagcgcaaa ttttggtaga acagttaaaa aatgttaacc ctgcaacaga 180
179 cgaatcaaca aagaaccggt atacatcgcg tctataacctg tgacggaaga tcaacttcga 240
181 gaataaataa atcctggtgt ccctgttgat accgggaagc cctgggcca cttttggcga 300
183 aaatgagacg ttgatcgga cgtaagaggt tccaactttc accataatga aataagatca 360
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209 ccaccgcata ctccctatat tttcgcgctc cgaaataatc tgtaggctat ggtgaagcac 1140
211 ttcaatacgt gtcgtcaaat ttttacttag gcatgtgatt aacagcacat t 1191

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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 7

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,4,5

VERIFICATION SUMMARY

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L:10 M:201 W: Mandatory field data missing, <130> FILE REFERENCE

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date